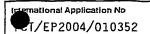
## INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER									
IPC 7 F04B15/02									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum do IPC 7	cumentation searched (classification system followed by classification F 04B	on symbols)							
		and design included in the fields on	arch od						
Documental	IOn searched other than minimum documentation to the extent that si	nau docaments sie nicmaso w me ileias se	arcieu						
Electronic da	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)							
EPO-In	ternal								
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		•						
Calegory *	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
A	US 3 963 385 A (CABAN ANGEL M) 15 June 1976 (1976-06-15) column 2, line 33 - column 3, lin	1,17							
A	DE 32 19 882 A (SCHEELE MASCHF W) 1 December 1983 (1983-12-01) abstract	1,17							
Α	DE 29 33 128 A (SCHWING GMBH F) 26 February 1981 (1981-02-26) cited in the application page 3, paragraph 1 - page 8, par	1,17							
A	US 3 663 129 A (ANTOSH LEON A) 16 May 1972 (1972-05-16) cited in the application column 1, line 26 - column 2, lin	1,17							
Furt	heir documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.						
*Special categories of cited documents:  "A' document defining the general state of the art which is not considered to be of particular relevance  "A' document defining the general state of the art which is not considered to be of particular relevance  "T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
*E' earlier do cument but published on or after the international filing date  *L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O' document referring to an oral disclosure, use, exhibition or other means  *P' document published prior to the international filing date but  *X' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.									
later	actual completion of the international search	8' document member of the same patent family  Date of mailing of the international search report							
	4 December 2004	22/12/2004							
	mailing address of the ISA	Authorized officer							
	European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Ear. (+31-70) 340-3016	Fistas, N							

## INTERNATIONAL SEARCH REPORT

Information on patent family members

T/EP2004/010352

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 3963385	A	15-06-1976	BR	7602732 A	09-11-1976
			DE	2611944 A1	18-11-1976
			GB	1502028 A	22-02-1978
			ΙT	1061640 B	30-04-1983
			JP .	51134401 A	20-11-1976
DE 3219882	Α	01-12-1983	DE	3219882 A1	01-12-1983
DE 2933128	A	26-02-1981	DE	2933128 A1	26-02-1981
			AR	220645 A1	14-11-1980
•			ΑT	1204 T	15-07-1982
			ΑU	538946 B2	06-09-1984
			AU	6147880 A	19-02-1981
			BR	8005186 A	04-03-1981
			CA	1156089 A1	01-11-1983
			CS	219288 B2	25-03-1983
			DD	152607 A5	02-12-1981
			EP	0024343 A1	04-03-1981
			ES	8103809 A1	16-06-1981
			HU	183198 B	28-04-1984
			JP	1188730 C	30-01-1984
			JP	56029077 A	23-03-1981
			JP	58023511 B	16-05-1983
			ΜX	150696 A	28-06-1984
			PL	226212 Al	10-04-1981
			SU	1163803 A3	23-06-1985
			US	4373875 A	15-02-1983
			YU	199580 Al	28-02-1983
			ZA	8005037 A	30-09-1981
US 3663129	A	16-05-1972	NONE		